

ARMSTRONG HI-TEN DROP FORGED WRENCHES

Forged from steel which careful tests and analysis have shown to possess the requisite qualities to give both stiffness and tensile strength. The designs and proportions are based upon practical knowledge of wrench requirements, while modern equipment and manufacturing methods insure accuracy and uniformity in both machining and finish.

Stock Milling—All openings are milled slightly larger than sizes specified in tables to allow for proper clearance and variation in nuts, etc.

Standard Finish—Wrenches are milled, smoothly burnished, carefully hardened and finished in baked on enamel. Heads are ground bright and plainly stamped to indicate the principal use for which the wrench is designed.

ARMSTRONG ENGINEERS' WRENCHES

15° ANGLE—SINGLE HEAD



Carbon Steel

No.	Each	Nominal Opening In.	For American Standard			Regular Nut; Size Bolt In.	Extreme Length, Approx. In.
			Heavy Nut (USS); Size Bolt In.	Hex. Head Cap Screw; Diam. Screw In.	Light Nut (SAE); Size Bolt In.		
S-000	\$0.28	3/16	...	...	...	*#2-#3	3
S-00	.28	1/4	...	...	...	*#4	3
00	.28	5/16	1/8	1/8	...	*#5-#6	4
700	.30	3/8	...	3/16	...	*#10	4
0	.30	13/32	3/16	...	...	...	4
701	.36	7/16	...	1/4	1/4	1/4-#12	4 1/2
1	.36	1/2	1/4	5/16	5/16	...	4 1/2
702	.44	9/16	...	3/8	3/8	5/16	5 3/8
2	.44	19/32	5/16	...	...	...	5 3/8
703	.52	5/8	...	7/16	7/16	3/8	6 3/8
3	.52	11/16	3/8	...	...	...	6 3/8
704	.64	3/4	...	1/2	1/2	7/16	7 1/4
4	.64	25/32	7/16	...	...	...	7 1/4
705	.76	13/16	...	9/16	...	1/2	8 1/4
5	.76	7/8	1/2	5/8	9/16	9/16	8 1/4
6-A	.92	15/16	...	...	5/8	...	9
6	.92	31/32	9/16	...	...	...	9
706	.92	1	...	3/4	...	5/8	9
7	1.14	1 1/16	5/8	...	3/4	...	10 1/2
707	1.14	1 1/8	...	7/8	...	3/4	10 1/2
8	1.50	1 1/4	3/4	(†1)	7/8	...	11 3/4
8-A	1.50	1 5/16	...	1	...	7/8	11 3/4
708-A	1.50	1 3/8	...	(†1 1/8)	...	...	11 3/4
9	2.30	1 7/16	7/8	...	1	...	13 1/2
709	2.30	1 1/2	...	1 1/8 (†1 1/4)	...	1	13 1/2
10	3.20	1 5/8	1	...	1 1/8	...	15 1/4
10-A	3.20	1 11/16	...	1 1/4	...	1 1/8	15 1/4
11	4.20	1 13/16	1 1/8	...	1 1/4	...	17
11-A	4.20	1 7/8	...	...	...	1 1/4	17
12	5.70	2	1 1/4	...	1 3/8	...	19
12-A	5.70	2 1/16	...	...	...	1 3/8	19
13	7.30	2 3/16	1 3/8	...	1 1/2	...	21
13-A	7.30	2 1/4	...	...	...	1 1/2	21
14	9.20	2 3/8	1 1/2	...	...	...	23
14-A	9.20	2 7/16	...	...	...	1 5/8	23
15	11.20	2 9/16	1 5/8	...	...	...	25
15-A	11.20	2 5/8	...	...	...	1 3/4	25
16	13.40	2 3/4	1 3/4	...	...	...	27
16-B	13.40	2 13/16	...	...	...	1 3/8	27
16-A	13.40	2 5/16	1 3/8	...	...	...	27
17-A	20.50	3	...	...	...	2	30
17	20.50	3 1/8	2	...	...	...	30
18-A	29.50	3 3/8	...	...	...	2 1/4	33
18	29.50	3 1/2	2 1/4	...	...	...	33
19-B	42.00	3 3/4	...	...	...	2 1/2	37
19	42.00	3 7/8	2 1/2	...	...	...	37
19-C	42.00	4 1/8	...	...	...	2 3/4	37
19-A	42.00	4 1/4	2 3/4	...	...	...	37
20-B	62.00	4 1/2	...	...	...	3	42
20	62.00	4 5/8	3	...	...	...	42
20-A	62.00	5	3 1/4	...	...	...	42

*American standard machine screw and stove bolt nuts.

†Old style cap screws, now obsolete.

Nos. S-000 to 3 Twelve, Nos. 704 to 707 Six in a Box, Balance in Bulk

15° ANGLE—DOUBLE HEAD



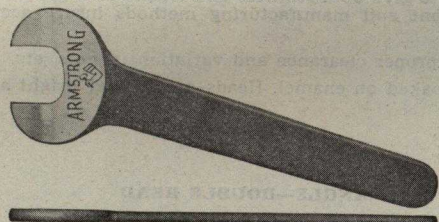
Carbon Steel

No.	Each	Nominal Opening In.	For American Standard			Regular Nut; Size Bolt In.	Extreme Length, Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.		
721	\$0.34	5/16-3/8	1/8	1/8-3/16	...	...	4 1/8
723	.42	3/8-7/16	...	3/16-1/4	1/4	1/4	5
725	.50	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	5 7/8
725-A	.50	7/16-9/16	...	1/4-3/8	1/4-3/8	1/4-5/16	5 7/8
725-B	.50	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	6 1/4
25	.50	1/2-19/32	1/4-5/16	5/16	5/16	...	6 1/4
727	.62	9/16-5/8	...	3/8-7/16	3/8-7/16	5/16-3/8	6 3/4
27	.62	19/32-11/16	5/16-3/8	...	...	...	7
27-B	.62	5/8-11/16	3/8	7/16	7/16	3/8	7
28	.74	19/32-25/32	5/16-7/16	...	...	...	7 1/2
729	.74	5/8-3/4	...	7/16-1/2	7/16-1/2	3/8-7/16	7 1/2
29-B	.74	11/16-3/4	3/8	1/2	1/2	7/16	8 1/8
29	.74	11/16-25/32	3/8-7/16	...	...	...	8 1/8
29-C	.74	11/16-13/16	3/8	9/16	...	1/2	8 1/8
731	.90	3/4-13/16	...	1/2-9/16	1/2	7/16-1/2	9 1/4
731-A	.90	3/4-7/8	1/2	1/2-5/8	1/2-9/16	7/16-9/16	9 1/4
31-B	.90	25/32-13/16	7/16	9/16	...	1/2	9 1/4
31	.90	25/32-7/8	7/16-1/2	5/8	9/16	9/16	9 1/4
731-B	.90	13/16-7/8	1/2	9/16-5/8	9/16	1/2-9/16	9 1/4
32-B	1.10	13/16-15/16	...	9/16	5/8	1/2	9 7/8
33-A	1.10	7/8-15/16	1/2	5/8	9/16-5/8	9/16	9 7/8
733	1.10	7/8-1	1/2	5/8-3/4	9/16	9/16-5/8	9 7/8
33-C	1.10	15/16-1	...	3/4	5/8	5/8	9 7/8
34	1.36	7/8-1 1/16	1/2-5/8	5/8	9/16-3/4	9/16	11 1/4
34-A	1.36	15/16-1 1/16	5/8	...	5/8-3/4	...	11 1/4
735	1.36	1-1 1/8	...	3/4-7/8	...	5/8-3/4	11 1/4
36-B	1.92	1 1/16-1 1/8	5/8	7/8	3/4	3/4	12 1/4
37	1.92	1 1/16-1 1/4	5/8-3/4	...	3/4-7/8	...	12 1/4
737	1.92	1 1/8-1 1/4	3/4	7/8	7/8	3/4	12 1/4
37-A	1.92	1 1/8-15/16	...	7/8-1	...	3/4-7/8	12 1/4
39-B	2.80	1 1/4-13/16	3/4	1	7/8	7/8	13 3/4
39	2.80	1 1/4-17/16	3/4-7/8	...	7/8-1	...	13 3/4
39-A	2.80	15/16-1 1/2	...	1-1 1/8	...	7/8-1	13 3/4
39-C	2.80	1 3/8-17/16	7/8	...	1	...	13 3/4
41	3.80	1 7/16-1 5/8	7/8-1	...	1-1 1/8	...	15 1/2
41-B	3.80	1 1/2-1 5/8	1	1 1/8	1 1/8	1	15 1/2
42-A	5.30	1 1/2-1 11/16	...	1 1/8-1 1/4	...	1-1 1/8	17
43	5.30	1 5/8-1 13/16	1-1 1/8	...	1 1/8-1 1/4	...	17
44-A	7.20	1 11/16-1 7/8	...	1 1/4	...	1 1/8-1 1/4	19
45	7.20	1 13/16-2	1 1/8-1 1/4	...	1 1/4-1 3/8	...	19
45-A	7.20	1 7/8-2 1/16	...	...	...	1 1/4-1 3/8	19
47	10.50	2-23/16	1 1/4-1 3/8	...	1 3/8-1 1/2	...	21
47-B	10.50	2 1/16-2 1/4	...	...	...	1 3/8-1 1/2	21
49	14.00	2 3/16-2 3/8	1 3/8-1 1/2	...	1 1/2	...	23
49-A	14.00	2 1/4-2 7/16	...	...	...	1 1/2-1 5/8	23
51	19.80	2 3/8-2 9/16	1 1/2-1 5/8	...	...	...	25
51-A	19.80	2 7/16-2 5/8	...	...	...	1 5/8-1 3/4	25
53	24.00	2 9/16-2 3/4	1 5/8-1 3/4	...	...	...	27
53-A	24.00	2 5/8-2 13/16	...	...	...	1 3/4-1 7/8	27
54-C	28.50	2 3/4-2 15/16	1 3/4-1 7/8	...	...	...	31
55-A	31.00	2 13/16-3	...	...	...	1 7/8-2	32
55-B	31.00	2 15/16-3 1/8	1 7/8-2	...	...	...	32
57-B	47.00	3-3 3/8	...	...	...	2-2 1/4	37
57	47.00	3 1/8-3 1/2	2-2 1/4	...	...	...	37

Nos. 721 to 25 Twelve, Nos. 727 to 735 Six in a Box, Balance in Bulk

ARMSTRONG DROP FORGED THIN WRENCHES

THIN 15° ANGLE—SINGLE HEAD

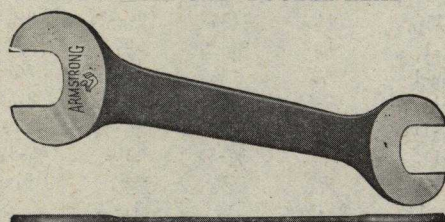


Carbon Steel—For Check, Jam or Lock Nuts

No.	Each	Nominal Opening In.	For American Standard			Extreme Length, Approx. In.	Thickness Head In.
			Heavy Jam Nut (USS); Size Bolt In.	Light Nut (SAE); Size Bolt In.	Regular Jam Nut; Size Bolt In.		
601-A	\$0.36	7/16	..	1/4	1/4	4	5/32
601	.36	1/2	1/4	5/16	..	4	5/32
602-A	.44	9/16	..	3/8	5/16	4 1/2	11/64
602	.44	19/32	5/16	..	..	4 1/2	11/64
603-A	.52	5/8	..	7/16	3/8	5 1/4	3/16
603	.52	11/16	3/8	..	..	5 1/4	3/16
604-A	.64	3/4	..	1/2	7/16	6	7/32
604	.64	25/32	7/16	..	..	6	7/32
605-A	.76	13/16	..	..	1/2	6 3/4	1/4
605	.76	7/8	1/2	9/16	9/16	6 3/4	1/4
606	.90	31/32	9/16	..	..	7 1/2	9/32
606-B	.90	1	..	..	5/8	7 1/2	9/32
607	1.08	1 1/16	5/8	3/4	..	8 1/2	5/16
607-A	1.08	1 1/8	..	..	3/4	8 1/2	5/16
608	1.36	1 1/4	3/4	7/8	..	10	3/8
608-A	1.36	15/16	..	..	7/8	10	3/8
609	1.84	1 7/16	7/8	1	..	11 1/2	7/16
609-A	1.84	1 1/2	..	..	1	11 1/2	7/16
610	2.60	1 5/8	1	1 1/8	..	13	1/2
610-A	2.60	1 11/16	..	..	1 1/8	13	1/2

Packed as Ordered

THIN 15° ANGLE—DOUBLE HEAD



Carbon Steel—For Check, Jam or Lock Nuts

No.	Each	Nominal Openings In.	For American Standard			Extreme Length, Approx. In.	Thick- ness Head In.
			Heavy Jam Nuts (USS); Size Bolts In.	Light Nuts (SAE), Size Bolts In.	Regular Jam Nuts; Size Bolts In.		
623-D	\$0.50	7/16-1/2	1/4	1/4-5/16	1/4	4 1/2	5/32
624-A	.50	7/16-9/16	..	1/4-3/8	1/4-5/16	4 1/2	5/32
624-B	.50	1/2-9/16	1/4	5/16-3/8	5/16	4 1/2	5/32
625	.50	1/2-19/32	1/4-5/16	5/16	..	4 1/2	5/32
626-S	.64	9/16-5/8	..	3/8-7/16	5/16-3/8	5 5/8	3/16
627	.64	19/32-11/16	5/16-3/8	..	..	5 5/8	3/16
629-D	.72	5/8-3/4	..	7/16-1/2	3/8-7/16	6 1/4	3/16
629	.72	1 1/16-29/32	3/8-7/16	..	..	6 1/4	3/16
630-B	.80	3/4-13/16	..	1/2	7/16-1/2	6 5/8	7/32
630-E	.80	3/4-7/8	1/2	1/2-9/16	7/16-9/16	6 5/8	7/32
631	.80	25/32-7/8	7/16-1/2	9/16	9/16	6 5/8	7/32
631-A	.80	13/16-7/8	1/2	9/16	1/2-9/16	6 5/8	7/32
632-C	1.12	7/8-15/16	1/2	9/16-5/8	9/16	8 1/8	9/32
634-A	1.12	7/8-1	1/2	9/16	9/16-5/8	8 1/8	9/32
634-B	1.12	15/16-1 1/16	5/8	5/8-3/4	..	8 1/8	9/32
635-D	1.68	1-1 1/8	..	..	5/8-3/4	10	11/32
637	1.68	1 1/16-1 1/4	5/8-3/4	3/4-7/8	..	10	11/32
637-A	1.68	1 1/8-15/16	..	..	3/4-7/8	10	11/32
639	2.60	1 1/4-1 7/16	3/4-7/8	7/8-1	..	12	13/32
640-A	2.60	15/16-1 1/2	..	..	7/8-1	12	13/32

Nos. 623-D to 627 Twelve, Balance Six in a Box

ARMSTRONG DROP FORGED SET SCREW WRENCHES

22 1/2° ANGLE—SINGLE HEAD

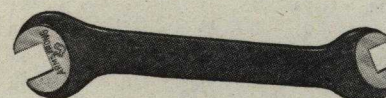


Carbon Steel

No.	Each	Nominal Openings In.	For Set Screw; Size In.	For Square Head Cap Screw; Diam. Screw In.	For Am. Std. Regular Square Nut; Size Bolt In.	Extreme Length, Approx. In.	Thickness Head In.
500	\$0.28	3/16	3/16	..	..	3	3/16
501	.34	1/4	1/4	..	..	3 5/8	1/4
502	.42	5/16	5/16	..	..	4 1/2	9/32
503	.50	3/8	3/8	1/4	..	5 3/8	11/32
504	.62	7/16	7/16	5/16	1/4	6 1/4	3/8
505	.76	1/2	1/2	3/8	..	7	7/16
506	.92	9/16	9/16	7/16	5/16	7 1/2	1/2
507	1.10	5/8	5/8	1/2	3/8	8	9/16
508	1.36	3/4	3/4	5/8	7/16	9 1/4	5/8
509	1.68	7/8	7/8	3/4	9/16	10 1/2	11/16
510	2.20	1	1	..	5/8	11 1/2	3/4
511	2.80	1 1/8	1 1/8	7/8	3/4	12	13/16

Nos. 500 to 505 Twelve, Nos. 506 to 511 Six in a Box

22 1/2° ANGLE—DOUBLE HEAD



Carbon Steel

No.	Each	Nominal Openings In.	For Set Screws; Size In.	For Square Head Cap Screws; Diam. Screws In.	For Amer. Std. Regular Square Nuts; Size Bolts In.	Extreme Length Approx. In.	Thickness Head In.
525	\$0.48	1/4-5/16	1/4-5/16	..	..	4	1/4
527	.58	5/16-3/8	5/16-3/8	1/4	..	5	5/16
529	.70	3/8-7/16	3/8-7/16	1/4-5/16	1/4	5 5/8	11/32
531	.90	7/16-1/2	7/16-1/2	5/16-3/8	1/4	6 5/8	3/8
533	1.08	1/2-9/16	1/2-9/16	3/8-7/16	5/16	7 1/2	1/2
535	1.30	9/16-5/8	9/16-5/8	7/16-1/2	5/16-3/8	8 3/8	9/16
537	1.60	5/8-3/4	5/8-3/4	1/2-5/8	3/8-7/16	10	5/8
539	2.00	3/4-7/8	3/4-7/8	5/8-3/4	7/16-9/16	11 3/8	11/16
541	2.60	7/8-1	7/8-1	3/4	9/16-5/8	12 5/8	3/4
543	3.50	1-1 1/8	1-1 1/8	7/8	5/8-3/4	14	13/16

Nos. 525 to 531 Twelve, Nos. 533 to 543 Six in a Box

STANDARD DROP FORGED WRENCHES

15° ANGLE—DOUBLE HEAD



Carbon Steel

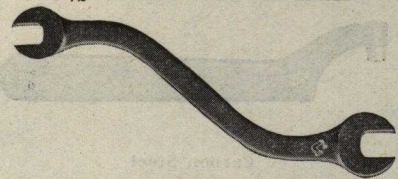
Made from high quality steel, hand forged and heat treated for durability. Parabolic jaws for accessibility. Long thin paneled shanks, rounded shoulders in jaws for added strength. Blued finish with polished flats.

Nos.	214	7234	725B4	274	7294	314
Openings, in.....	5/16x13/32	3/8x7/16	1/2x9/16	19/32x11/16	5/8x3/4	25/32x7/8
Per dozen.....	\$1.80	2.40	2.65	3.00	3.60	4.80

One Dozen in a Box

ARMSTRONG DROP FORGED CAR WRENCHES

22½° ANGLE—DOUBLE HEAD



Carbon Steel—Long Leverage

Car wrenches are milled and hardened all over but heads are not ground bright, with openings for U. S. standard rough nuts.

No.	Each	Nominal Opening In.	For American Standard Heavy Nuts (USS); Size Bolts In.		Extreme Length, Approx. In.
			Regular Nuts; Size Bolts In.	Regular Nuts; Size Bolts In.	
367-A	\$1.50	5/8-13/16	....	3/8-1/2	12
367	1.50	11/16-7/8	3/8-1/2	9/16	12
370-C	2.50	13/16-7/8	1/2	1/2-9/16	19
370-A	2.50	13/16-1	....	1/2-5/8	19
370	2.50	7/8-11/16	1/2-5/8	9/16	19
370-B	2.50	1-1/8	....	5/8-3/4	19
372-A	3.10	11/16-1 1/4	5/8-3/4	....	20
373	3.10	1 1/8-1 5/16	....	3/4-7/8	20
376-A	3.70	1 1/4-1 7/16	3/4-7/8	....	21
376	3.70	1 5/16-1 1/2	....	7/8-1	21
378-A	4.50	1 7/16-1 5/8	7/8-1	....	22
379	4.50	1 1/2-1 11/16	....	1-1 1/8	22
382-A	5.30	1 5/8-1 13/16	1-1 1/8	....	23
382	5.30	1 11/16-1 7/8	....	1 1/8-1 1/4	23
383-B	6.30	1 7/8-2 1/4	....	1 1/4-1 1/2	24
385	6.30	1 13/16-2	1 1/8-1 1/4	....	24
389	9.00	2-2 3/8	1 1/4-1 1/2	....	25
389-B	9.00	2 3/16-2 3/8	1 3/8-1 1/2	....	25

ARMSTRONG DROP FORGED TOOL POST WRENCHES

DOUBLE HEAD



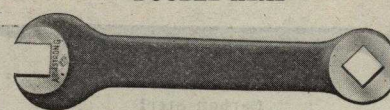
Carbon Steel—For Nuts and Set Screws

No.	Each	Nominal Opening In.	For Amer. Standard Heavy Nut (USS); Size Bolt In.		Closed End For Set Screw; Size In.	Extreme Length, Approx. In.	Thickness Heads In.
			Regular Nut; Size Bolt In.	Regular Nut; Size Bolt In.			
562-B	\$1.32	5/8	....	3/8	9/16	6 1/2	7/16
562	1.32	11/16	3/8	....	9/16	6 1/2	7/16
563-E	1.44	13/16	....	1/2	7/16	7	1/2
563-F	1.44	13/16	....	1/2	7/16	7	1/2
563-G	1.44	13/16	....	1/2	9/16	7	1/2
563-H	1.44	13/16	....	1/2	5/8	7	1/2
563	1.44	7/8	1/2	9/16	7/16	7	1/2
563-B	1.44	7/8	1/2	9/16	1/2	7	1/2
563-C	1.44	7/8	1/2	9/16	7/16	7	1/2
563-D	1.44	7/8	1/2	9/16	5/8	7	1/2
564-C	1.44	1	....	5/8	5/8	7	5/8
564	1.94	1 1/16	5/8	....	5/8	8	5/8
565-C	1.94	1	....	5/8	3/4	8	5/8
565	1.94	1 1/16	5/8	....	3/4	8	5/8
566-C	2.40	1 1/8	....	3/4	3/4	9	1 1/16
566-D	2.40	1 1/8	....	3/4	7/8	9	1 1/16
566	2.40	1 1/4	3/4	....	3/4	9	1 1/16
566-B	2.40	1 1/4	3/4	....	7/8	9	1 1/16
567-D	3.20	1 1/8	....	3/4	1	10	3/4
567	3.20	1 1/4	3/4	....	1	10	3/4
567-E	3.20	1 5/16	....	7/8	7/8	10	3/4
567-F	3.20	1 5/16	....	7/8	1	10	3/4
567-B	3.20	1 7/16	7/8	....	7/8	10	3/4
567-C	3.20	1 7/16	7/8	....	1	10	3/4
568-E	4.40	1 1/2	....	1	7/8	11	1 1/16
568-F	4.40	1 1/2	....	1	1	11	1 1/16
568	4.40	1 5/8	1	....	7/8	11	1 1/16
568-B	4.40	1 5/8	1	....	1	11	1 1/16
568-G	4.40	1 11/16	....	1 1/8	1	11	1 1/16
568-H	4.40	1 7/8	....	1 1/4	1	11	1 1/16
568-C	4.40	1 13/16	1 1/8	....	1	11	1 1/16
568-D	4.40	2	1 1/4	....	1	11	1 1/16

Packed as Ordered

ARMSTRONG DROP FORGED TOOL POST WRENCHES

DOUBLE HEAD



Carbon Steel—For Set Screws

No.	Each	Open End For Set Screw; Size, In.		Closed End For Set Screw; Size, In.		Extreme Length, Approx., In.	Thickness Heads, In.
		For Set Screw; Size, In.	For Set Screw; Size, In.	For Set Screw; Size, In.	For Set Screw; Size, In.		
554	\$1.12	7/16	7/16	7/16	7/16	5 1/2	15/32
555	1.24	1/2	1/2	1/2	1/2	6	17/32
555-B	1.24	9/16	9/16	1/2	1/2	6	17/32
555-C	1.24	9/16	9/16	9/16	9/16	6	17/32
556	1.44	5/8	5/8	5/8	5/8	6 3/4	9/16
556-B	1.44	11/16	11/16	5/8	5/8	6 3/4	9/16
556-C	1.44	11/16	11/16	11/16	11/16	6 3/4	9/16
557	1.64	3/4	3/4	3/4	3/4	7 1/2	1 1/16

ARMSTRONG DROP FORGED SQUARE BOX WRENCHES

22½° ANGLE—SINGLE HEAD



Carbon Steel

No.	Each	Nominal Opening In.	For Set Screw; Size In.	For Square Head Cap Screw; Diam. In.	For Amer. Std. Regular Square Nut; Size Bolt In.	Extreme Length, Approx. In.	Head	
							Thick-ness In.	Outside Diameter In.
581	\$0.34	1/4	1/4	....	....	3 3/8	9/32	2 1/32
582	.40	5/16	5/16	....	....	3 3/4	5/16	1 1/16
583	.48	3/8	3/8	1/4	....	4 1/4	11/32	7/8
584	.56	7/16	7/16	5/16	1/4	4 7/8	3/8	1
585	.68	1/2	1/2	3/8	....	5 1/2	7/16	1 1/8
586	.82	9/16	9/16	7/16	5/16	6 1/4	1/2	1 3/16
587	1.00	5/8	5/8	1/2	3/8	7	9/16	1 5/16
588	1.24	3/4	3/4	5/8	7/16	8	5/8	1 9/16
589	1.62	7/8	7/8	3/4	9/16	9	21/32	1 3/4
590	2.10	1	1	....	5/8	10	3/4	2
591	2.70	1 1/8	1 1/8	....	3/4	11	13/16	2 1/4

ARMSTRONG DROP FORGED, HEXAGON BOX WRENCHES

15° ANGLE—SINGLE HEAD

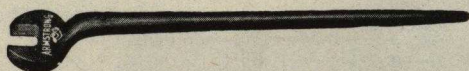


Carbon Steel

No.	Each	Nominal Opening Across Flats In.	For American Standard Heavy Nut (USS); Size Bolt In.		Hex. Head Cap Screw; Dia. In.	Light Nut (SAE); Size Bolt In.	Regular Nut; Size Bolt In.	Extreme Length, Approx. In.	Head	
			Regular Nut; Size Bolt In.	Regular Nut; Size Bolt In.					Thick-ness In.	Outside Diam. In.
801-A	\$0.42	7/16	....	1/4	1/4	1/4	4	17/64	27/32	27/32
801	.42	1/2	1/4	5/16	....	....	4	17/64	27/32	27/32
802-A	.50	9/16	....	3/8	3/8	5/16	4 3/4	5/16	63/64	63/64
802	.50	19/32	5/16	....	....	....	4 3/4	5/16	63/64	63/64
803-A	.58	5/8	....	7/16	7/16	3/8	5 1/2	23/64	19/64	19/64
803	.58	11/16	3/8	....	....	....	5 1/2	23/64	19/64	19/64
804-A	.70	3/4	....	1/2	1/2	7/16	6 1/2	13/32	19/32	19/32
804	.70	25/32	7/16	....	....	....	6 1/2	13/32	19/32	19/32
805-A	.84	13/16	....	9/16	....	1/2	7 1/4	29/64	127/64	127/64
805	.84	7/8	1/2	5/8	9/16	9/16	7 1/4	29/64	127/64	127/64
806	1.00	31/32	9/16	....	....	....	8	1 1/2	119/32	119/32
806-B	1.00	1	....	3/4	....	5/8	8	1 1/2	119/32	119/32
807	1.24	1 1/16	5/8	....	3/4	....	9 1/2	9/16	125/32	125/32
807-A	1.24	1 1/8	....	7/8	....	3/4	9 1/2	9/16	125/32	125/32
808	1.56	1 1/4	3/4	....	7/8	....	10 3/4	9/16	21/16	21/16
808-A	1.56	15/16	....	1	....	7/8	10 3/4	9/16	21/16	21/16
809	2.08	1 7/16	7/8	....	1	....	12	2 1/2	2 5/8	2 5/8
809-A	2.08	1 1/2	....	1 1/8	....	1	12	2 1/2	2 5/8	2 5/8
810	2.80	1 5/8	1	....	1 1/8	....	13 1/2	3/4	2 5/8	2 5/8
810-A	2.80	1 11/16	....	1 1/4	....	1 1/8	13 1/2	3/4	2 5/8	2 5/8
811	3.70	1 13/16	1 1/8	....	1 1/4	....	15	13/16	229/32	229/32
811-A	3.70	1 7/8	....	....	....	1 1/4	15	13/16	229/32	229/32
812	4.80	2	1 1/4	....	1 3/8	....	16 1/2	15/16	3 1/4	3 1/4
812-A	4.80	2 1/16	....	....	....	1 3/8	16 1/2	15/16	3 1/4	3 1/4
813	6.00	2 3/4	1 3/8	....	1 1/2	....	18	1	331/64	331/64
813-A	6.00	2 1/4	....	....	....	1 1/2	18	1	331/64	331/64
814	7.50	2 3/8	1 1/2	....	....	....	20	1 1/16	323/32	323/32

Packed as Ordered

ARMSTRONG DROP FORGED STRUCTURAL WRENCHES STRAIGHT OPENING



Carbon Steel

Drop forged carbon steel. Milled and hardened all over, but heads are not ground bright. Straight opening, offset head for clearance and protection of hands. Tang is used for bringing holes into alignment.

No.	Each	For Amer. Standard			Extreme Length, Approx. In.	Thickness Head In.	Handle Offset at Head In.
		Nominal Opening In.	Nut (USS); Size Bolt In.	Regular Nut; Size Bolt In.			
901-A	\$0.80	7/16	..	1/4	9 1/2	11 3/32	13 1/16
901	.80	1/2	1/4	..	9 1/2	11 3/32	13 1/16
901-B	.80	9/16	..	5/16	9 1/2	11 3/32	13 1/16
902	.80	19/32	5/16	..	9 1/2	11 3/32	13 1/16
903-A	1.05	5/8	..	3/8	12	7/16	15 1/16
903	1.05	11/16	3/8	..	12	7/16	15 1/16
904-A	1.05	3/4	..	7/16	12	7/16	15 1/16
904	1.05	25/32	7/16	..	12	7/16	15 1/16
905-A	1.40	13/16	..	1/2	14 1/2	17/32	1
905	1.40	7/8	1/2	9/16	14 1/2	17/32	1
906	1.40	31/32	9/16	..	14 1/2	17/32	1
906-B	1.40	1	..	5/8	14 1/2	17/32	1
907	1.85	1 1/16	5/8	..	17	5/8	1 1/8
907-A	1.85	1 1/8	..	3/4	17	5/8	1 1/8
908	2.35	1 1/4	3/4	..	19	11/16	1 1/4
908-A	2.35	15/16	..	7/8	19	11/16	1 1/4
909	3.00	17/16	7/8	..	21	3/4	15 1/16
909-A	3.00	1 1/2	..	1	21	3/4	15 1/16
910	4.10	1 5/8	1	..	23	13/16	1 3/8
910-A	4.10	1 11/16	..	1 1/8	23	13/16	1 3/8
911	6.15	1 13/16	1 1/8	..	21	7/8	1 1/2
911-A	6.15	1 7/8	..	1 1/4	21	7/8	1 1/2
912	6.15	2	1 1/4	..	21	7/8	1 1/2

Special wrenches as heretofore may be obtained. Prices on application.

ARMSTRONG DROP FORGED CONSTRUCTION WRENCHES 15° ANGLE



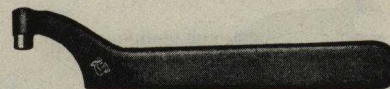
Carbon Steel

Are milled and hardened all over, but heads are not ground bright.

No.	Each	For Amer. Standard			Extreme Length, Approx. In.	Thickness Head In.
		Nominal Opening In.	Nut (USS); Size Bolt In.	Regular Nut; Size Bolt In.		
201-A	\$0.75	7/16	..	1/4	9 1/2	3/8
201	.75	1/2	1/4	..	9 1/2	3/8
201-B	.75	9/16	..	5/16	9 1/2	3/8
202	.75	19/32	5/16	..	9 1/2	3/8
203-A	.95	5/8	..	3/8	12	7/16
203	.95	11/16	3/8	..	12	7/16
204-A	.95	3/4	..	7/16	12	7/16
204	.95	25/32	7/16	..	12	7/16
205-A	1.20	13/16	..	1/2	14 1/2	9/16
205	1.20	7/8	1/2	9/16	14 1/2	9/16
206	1.20	31/32	9/16	..	14 1/2	9/16
206-B	1.20	1	..	5/8	14 1/2	9/16
207	1.55	1 1/16	5/8	..	17	11/16
207-A	1.55	1 1/8	..	3/4	17	11/16
208	2.05	1 1/4	3/4	..	17	11/16
208-A	2.05	15/16	..	7/8	17	11/16
209	2.70	1 7/16	7/8	..	21	3/4
209-A	2.70	1 1/2	..	1	21	3/4
210	3.60	1 5/8	1	..	23	7/8
210-A	3.60	1 11/16	..	1 1/8	23	7/8
211	5.30	1 13/16	1 1/8	..	21	1
211-A	5.30	1 7/8	..	1 1/4	21	1
212	5.30	2	1 1/4	..	21	1

Packed as Ordered

ARMSTRONG DROP FORGED PIN SPANNERS

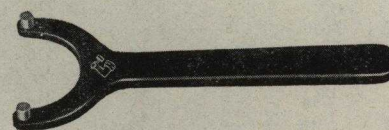


Carbon Steel

Drop forged, smoothly burnished and pins milled to exact size; hardened all over and finished in black enamel.

No.	Each	For Circle Diam., In.	Finished Diam. Pin, In.	Extreme Length, Approx., In.
452	\$0.54	1	3/16	4
453	.58	1 1/4	13/64	4 1/2
454	.60	1 1/2	7/32	5
455	.62	1 3/4	15/64	5 1/2
456	.66	2	1/4	6
457	.70	2 1/4	17/64	6 1/2
458	.72	2 1/2	9/32	7
459	.78	2 3/4	19/64	7 1/2
460	.84	3	5/16	8
461	.90	3 1/4	21/64	8 1/2
462	.96	3 1/2	11/32	9
463	1.02	3 3/4	23/64	9 1/2
464	1.08	4	3/8	10
466	1.44	5	7/16	12
468	1.96	6	1/2	14

ARMSTRONG DROP FORGED FACE SPANNERS



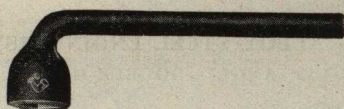
Carbon Steel

Drop forged, smoothly burnished and pins milled to exact size; hardened all over and finished in black enamel.

No.	Each	Pins			Span of Jaws in Clear In.	Approx. Length from Center of Pins In.
		Distance C to C In.	Diameter Milled In.	Length In.		
418	\$0.60	1	3/16	3/16	1 1/16	4 1/2
420	.66	1 1/4	7/32	7/32	7/8	5
422	.74	1 1/2	7/32	7/32	1 1/8	5 1/2
424	.84	1 3/4	7/32	7/32	1 3/8	6
426	.96	2	1/4	1/4	1 9/32	6 1/2
428	1.10	2 1/4	1/4	1/4	1 27/32	7
430	1.28	2 1/2	9/32	9/32	2 1/32	7 1/2
432	1.48	2 3/4	9/32	9/32	2 9/32	8
434	1.70	3	5/16	5/16	2 1/2	8 1/2
436	1.94	3 1/4	5/16	5/16	2 3/4	9 1/8
438	2.20	3 1/2	5/16	5/16	3	9 3/4
440	2.50	3 3/4	3/8	3/8	3 3/16	10 3/8
442	2.90	4	3/8	3/8	3 7/16	11

Packed as Ordered

ARMSTRONG DROP FORGED SOCKET WRENCHES SQUARE OPENING—WITH OFFSET HANDLE

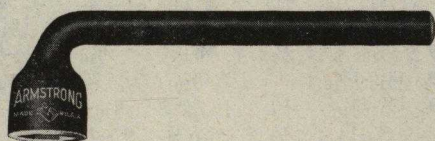


Carbon Steel

Smoothly burnished, hardened all over and finished.

No.	Each	Square Openings For							Handle Offset in Clear from Face of Wrench
		Nominal Opening In.	Amer. Std. Heavy Nut (USS); Size Bolt In.	Square Head Cap Screw; Diam. Screw In.	Set Nut; Size Bolt In.	Amer. Std. Regular Nut; Size Bolt In.	Diam. of Head In.	Extreme Length, Approx. In.	
261-J	\$0.60	1/4	..	..	1/4	..	1/2	3 3/4	13 1/16
262-H	.66	5/16	..	..	5/16	..	5/8	4 1/2	1
263-H	.72	3/8	..	1/4	3/8	..	1 1/16	5 1/2	1 1/16
265-H	.88	7/16	..	5/16	7/16	1/4	7/8	6 1/2	1 7/16
266-H	.96	1/2	1/4	3/8	1/2	..	1	6 1/2	1 9/16
267-H	1.08	9/16	..	7/16	9/16	5/16	1 1/8	7 1/4	1 5/8
268-H	1.20	5/8	..	1/2	5/8	3/8	1 1/4	8	1 13/16
268-P	1.20	1 1/16	3/8	9/16	..	..	1 1/4	8	1 13/16
269-H	1.38	3/4	..	5/8	3/4	7/16	1 3/8	8 3/8	2
271-H	1.80	7/8	1/2	3/4	7/8	9/16	1 5/8	10	2 3/8
273-H	2.40	1	..	..	1	5/8	1 7/8	11 5/8	2 3/4
274-H	2.70	1 1/8	..	7/8	1 1/8	3/4	2	12 3/8	2 7/8
276-H	3.44	1 1/4	3/4	1	1 1/4	..	2 3/8	14 7/8	3 1/2

HEXAGON OPENING—WITH OFFSET HANDLE



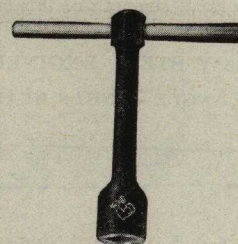
Carbon Steel

Smoothly burnished, hardened all over and finished.

No.	Each	Hexagon Openings for Amer. Std.							Handle Offset in Clear from Face of Wrench
		Nominal Opening Across Flats In.	Heavy Nut (USS); Size Bolt In.	Cap Screw; Diam. Screw In.	Light Nut (SAE); Size Bolt In.	Regular Nut; Size Bolt In.	Diam. of Head In.	Extreme Length, Approx. In.	
261-A	\$0.60	5/16	1/8	..	..	..	1/2	3 3/4	13 1/16
262-D	.66	3/8	..	3/16	..	..	5/8	4 1/2	1
263-A	.72	13/32	3/16	..	..	..	5/8	4 1/2	1 1/16
263-D	.72	7/16	..	1/4	1/4	1/4	1 1/16	4 1/2	1 1/16
264-A	.78	1/2	1/4	5/16	5/16	..	3/4	5 1/2	1 1/4
265-D	.88	9/16	..	3/8	3/8	5/16	7/8	6 1/2	1 7/16
265-A	.88	19/32	5/16	..	..	..	7/8	6 1/2	1 7/16
266-D	.96	5/8	..	7/16	7/16	3/8	1	6 1/2	1 9/16
267-A	1.08	1 1/16	3/8	..	..	..	1 1/8	7 1/4	1 5/8
267-D	1.08	3/4	..	1/2	1/2	7/16	1 1/8	7 1/4	1 5/8
268-A	1.20	25/32	7/16	..	..	..	1 1/4	8	1 13/16
268-D	1.20	13/16	..	9/16	..	1/2	1 1/4	8	1 13/16
269-A	1.38	7/8	1/2	5/8	9/16	9/16	1 3/8	8 3/8	2
270-S	1.56	15/16	..	..	5/8	..	1 1/2	9 1/8	2 3/16
270-D	1.56	1	..	3/4	..	5/8	1 1/2	9 1/8	2 3/16
271-A	1.80	1 1/16	5/8	..	3/4	..	1 5/8	10	2 3/8
271-D	1.80	1 1/8	..	7/8	..	3/4	1 5/8	10	2 3/8
273-A	2.40	1 1/4	3/4	..	7/8	..	1 7/8	11 5/8	2 3/4
273-B	2.40	15/16	..	1	..	7/8	1 7/8	11 5/8	2 3/4
275-A	3.00	1 7/16	7/8	..	1	..	2 1/8	13 1/4	3 3/8
275-D	3.00	1 1/2	..	1 1/8	..	1	2 1/8	13 1/4	3 3/8
276-A	3.44	1 5/8	1	..	1 1/8	..	2 3/8	14 7/8	3 1/2
276-B	3.44	1 11/16	..	1 1/4	..	1 1/8	2 3/8	14 7/8	3 1/2
277-A	3.90	1 13/16	1 1/8	..	1 1/4	..	2 5/8	16 1/2	3 7/8
278-A	4.80	2	1 1/4	..	1 3/8	..	2 7/8	18 1/4	4 3/8

Packed as Ordered

ARMSTRONG DROP FORGED SOCKET WRENCHES STRAIGHT SHANK PATTERN—SQUARE OPENINGS

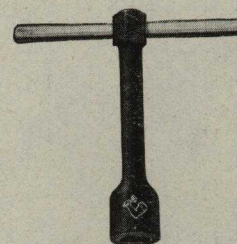


Carbon Steel—With Pin Handle

Smoothly burnished, hardened all over and finished.

No.	Each	Square Openings For							Diameter of Head In.	Extreme Length, Approx. In.
		Nominal Opening In.	Amer. Std. Heavy Nut (USS); Size Bolt In.	Square Head Cap Screw; Diam. Screw In.	Set Screw; Size In.	Amer. Std. Regular Nut; Size Bolt In.	Diam. of Head In.	Extreme Length, Approx. In.		
961-H	\$0.80	3/16	..	..	3/16	..	1/2	4 1/4	1 1/16	4 1/4
961-J	.80	1/4	..	..	1/4	..	1/2	4 1/4	1 1/16	4 1/4
962-H	.88	5/16	..	..	5/16	..	5/8	4 1/2	1 1/16	4 1/2
963-H	.98	3/8	..	1/4	3/8	..	1 1/16	4 7/8	1 1/16	4 7/8
965-H	1.16	7/16	..	5/16	7/16	1/4	7/8	5 3/4	1 1/16	5 3/4
966-H	1.26	1/2	1/4	3/8	1/2	..	1	6 1/8	1 1/16	6 1/8
967-H	1.42	9/16	..	7/16	9/16	5/16	1 1/8	6 1/2	1 1/16	6 1/2
968-H	1.54	5/8	..	1/2	5/8	3/8	1 1/4	7	1 1/16	7
968-P	1.54	1 1/16	3/8	9/16	..	..	1 1/4	7	1 1/16	7
969-H	1.74	3/4	..	5/8	3/4	7/16	1 3/8	7 3/8	1 1/16	7 3/8
971-H	2.20	7/8	1/2	3/4	7/8	9/16	1 5/8	8 1/4	1 1/16	8 1/4
973-H	3.00	1	..	..	1	5/8	1 7/8	9 1/8	1 1/16	9 1/8
974-H	3.40	1 1/8	..	7/8	1 1/8	3/4	2	9 1/2	1 1/16	9 1/2
976-H	4.24	1 1/4	3/4	1	1 1/4	..	2 3/8	10 3/8	1 1/16	10 3/8
977-X	4.80	1 7/16	7/8	..	..	..	2 5/8	10 7/8	1 1/16	10 7/8
977-P	4.80	1 1/2	..	1 1/4	1 1/2	1	2 5/8	10 7/8	1 1/16	10 7/8

STRAIGHT SHANK PATTERN—HEXAGON OPENINGS



Carbon Steel—With Pin Handle

Smoothly burnished, hardened all over and finished.

No.	Each	Hexagon Openings for American Standard							Diam. of Head In.	Extreme Length, Approx. In.
		Nominal Opening Across Flats In.	Heavy Nut (USS); Size Bolt In.	Cap Screw; Diam. Screw In.	Light Nut (SAE); Size Bolt In.	Regular Nut; Size Bolt In.	Diam. of Head In.	Extreme Length, Approx. In.		
961-A	\$0.80	5/16	1/8	..	..	..	1/2	4 1/4	1 1/16	4 1/4
962-D	.88	3/8	..	3/16	..	..	5/8	4 1/2	1 1/16	4 1/2
963-A	.98	13/32	3/16	..	..	..	1 1/16	4 7/8	1 1/16	4 7/8
963-D	.98	7/16	..	1/4	1/4	1/4	1 1/16	4 7/8	1 1/16	4 7/8
964-A	1.04	1/2	1/4	5/16	5/16	..	3/4	5 1/4	1 1/16	5 1/4
965-D	1.16	9/16	..	3/8	3/8	5/16	7/8	5 3/4	1 1/16	5 3/4
965-A	1.16	19/32	5/16	..	..	..	7/8	5 3/4	1 1/16	5 3/4
966-D	1.26	5/8	..	7/16	7/16	3/8	1	6 1/8	1 1/16	6 1/8
967-A	1.42	1 1/16	3/8	..	..	..	1 1/8	6 1/2	1 1/16	6 1/2
967-D	1.42	3/4	..	1/2	1/2	7/16	1 1/8	6 1/2	1 1/16	6 1/2
968-A	1.54	25/32	7/16	..	..	..	1 1/4	7	1 1/16	7
968-D	1.54	13/16	..	9/16	..	1/2	1 1/4	7	1 1/16	7
969-A	1.74	7/8	1/2	5/8	9/16	9/16	1 3/8	7 3/8	1 1/16	7 3/8
970-S	1.96	15/16	..	..	5/8	..	1 1/2	7 7/8	1 1/16	7 7/8
970-D	1.96	1	..	3/4	..	5/8	1 1/2	7 7/8	1 1/16	7 7/8
971-A	2.20	1 1/16	5/8	..	3/4	..	1 5/8	8 1/4	1 1/16	8 1/4
971-D	2.20	1 1/8	..	7/8	..	3/4	1 5/8	8 1/4	1 1/16	8 1/4
973-A	3.00	1 1/4	3/4	..	7/8	..	1 7/8	9 1/8	1 1/16	9 1/8
973-B	3.00	15/16	..	1	..	7/8	1 7/8	9 1/8	1 1/16	9 1/8
975-A	3.70	1 7/16	7/8	..	1	..	2 1/8	10	1 1/16	10
975-D	3.70	1 1/2	..	1 1/8	..	1	2 1/8	10	1 1/16	10
976-A	4.24	1 5/8	1	..	1 1/8	..	2 3/8	10 3/8	1 1/16	10 3/8
976-B	4.24	1 11/16	..	1 1/4	..	1 1/8	2 3/8	10 3/8	1 1/16	10 3/8
977-A	4.80	1 13/16	1 1/8	..	1 1/4	..	2 5/8	10 7/8	1 1/16	10 7/8
978-A	5.70	2	1 1/4	..	1 3/8	..	2 7/8	11 3/8	1 1/16	11 3/8

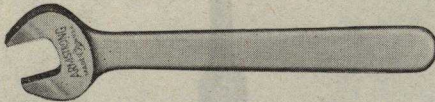
Packed as Ordered

ARMSTRONG ARMALLOY WRENCHES

Drop forged from alloy steel, heat treated. These wrenches are long, thin and streamlined in design. The extreme leverage, resulting from the extra length, is protected by the great strength of this steel. Guaranteed not to spread or break. Finished in chrome-plate with the heads buffed bright. Sizes of openings are stamped on the wrench heads, affording immediate identification.

ARMSTRONG ALLOY STEEL ENGINEERS' WRENCHES

15° ANGLE—SINGLE HEAD



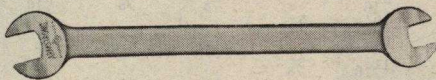
For U. S. S. and S. A. E. Standard Nuts and Cap Screws

No.	Each	For American Standard					Thick- ness Heads In.
		Nominal Openings In.	Heavy Nut (USS); Size Bolt In.	Hex. Head Cap Screw; Diam. Screw In.	Light Nut (SAE); Size Bolt In.	Regular Nut; Size Bolt In.	
1000	\$0.50	5/16	1/8	1/8	..	..	1/4
1700	.50	3/8	..	3/16	..	..	1/4
1000-A	.50	13/32	3/16	..	..	..	1/4
1701	.58	7/16	..	1/4	1/4	1/4	5/16
1001	.58	1/2	1/4	5/16	5/16	..	5/16
1702	.73	9/16	..	3/8	3/8	5/16	11/32
1002	.73	19/32	5/16	..	..	..	11/32
1703	.90	5/8	..	7/16	7/16	3/8	3/8
1003	1.06	11/16	3/8	..	..	..	3/8
1704	1.10	3/4	..	1/2	1/2	7/16	3/8
1004	1.10	25/32	7/16	..	..	..	3/8
1705	1.31	13/16	..	9/16	..	1/2	7/16
1005	1.31	7/8	1/2	5/8	9/16	8/16	7/16
1006-A	1.58	15/16	..	..	5/8	..	1/2
1006	1.58	31/32	9/16	..	..	..	1/2
1706	1.58	1	..	3/4	11/16	5/8	1/2
1007	1.96	11/16	5/8	..	3/4	..	9/16
1707	1.96	1 1/8	..	7/8	..	3/4	9/16
1008	2.63	1 1/4	3/4	..	7/8	..	5/8
1008-A	2.63	15/16	..	1	..	7/8	5/8
1009	3.98	17/16	7/8	..	1	..	3/4
1709	3.98	1 1/2	..	1 1/8	..	1	3/4
1010	5.56	1 5/8	1	..	1 1/8	..	13/16
1010-A	5.56	11 1/16	..	1 1/4	..	1 1/8	13/16
1011	7.25	1 3/4	1 1/8	..	1 1/4	..	7/8
1011-A	7.25	1 7/8	..	..	..	1 1/4	7/8
1012	9.86	2	1 1/4	..	1 3/8	..	19
1012-A	9.86	2 1/16	..	..	..	1 3/8	19
1013	12.75	2 3/16	1 3/8	..	1 1/2	..	21
1013-A	12.75	2 1/4	..	..	..	1 1/2	21
1014	16.06	2 3/8	1 1/2	..	..	..	23
1014-A	16.06	2 7/16	..	..	..	1 5/8	23

Special wrenches as heretofore may be obtained. Prices on application.

ARMSTRONG ALLOY STEEL LONG THIN PATTERN WRENCHES

15° ANGLE—DOUBLE HEAD



No.	Each	For American Standard					Thick- ness Heads In.
		Nominal Openings In.	Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
1090-A	\$1.02	3/8-7/16	..	3/16-1/4	1/4	1/4	5/32
1090	1.02	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	5/32
1090-G	1.02	7/16-11/32	..	1/4	1/4	1/4	5/32
1090-D	1.02	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	5/32
1092	1.09	9/16-5/8	..	3/8-7/16	3/8-7/16	5/16-3/8	3/16
1092-F	1.09	5/8-11/16	3/8	7/16	7/16	3/8	3/16
1094-G	1.16	3/4-13/16	..	1/2-9/16	1/2	7/16-1/2	9
1094	1.16	3/4-7/8	1/2	1/2-5/8	1/2-9/16	7/16-9/16	9

Packed as Ordered

ARMSTRONG ALLOY STEEL ENGINEERS' WRENCHES

15° ANGLE—DOUBLE HEAD



For U. S. S. and S. A. E. Standard Nuts and Cap Screws

No.	Each	For American Standard					Thick- ness Heads In.
		Nominal Openings In.	Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
1021-S	\$0.56	1/4-5/16	1/8	1/8	..	*4, 5 & 6	5/32
1720	.60	5/16-11/32	1/8	1/8	..	*(No. 8)	5/32
1721	.60	5/16-3/8	1/8	1/8-3/16	..	..	13/64
1723	.70	3/8-7/16	..	3/16-1/4	1/4	1/4	13/64
1725	.77	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	1/4
1725-A	.84	7/16-9/16	..	1/4-3/8	1/4-3/8	1/4-5/16	1/4
1725-B	.84	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	1/4
1025	.92	1/2-19/32	1/4-5/16	5/16	5/16	..	1/4
1727	.99	9/16-5/8	..	3/8-7/16	3/8-7/16	5/16-3/8	9/32
1027	1.30	19/32-11/16	5/16-3/8	..	..	..	9/32
1027-B	1.30	3/8-11/16	3/8	7/16	7/16	3/8	9/32
1028	1.30	19/32-25/32	5/16-7/16	..	..	..	5/16
1729	1.27	5/8-3/4	..	7/16-1/2	7/16-1/2	3/8-7/16	5/16
1029-B	1.30	1 1/16-3/4	3/8	1/2	1/2	7/16	5/16
1029	1.69	1 1/16-25/32	3/8-7/16	..	..	..	5/16
1029-C	1.69	1 1/16-13/16	3/8	9/16	..	1/2	5/16
1731	1.69	3/4-13/16	..	1/2-9/16	1/2	7/16-1/2	3/8
1731-A	1.69	3/4-7/8	1/2	1/2-5/8	1/2-9/16	7/16-9/16	3/8
1031-B	1.69	25/32-13/16	7/16	9/16	..	1/2	3/8
1031	1.69	25/32-7/8	7/16-1/2	5/8	9/16	9/16	3/8
1731-B	1.69	13/16-7/8	1/2	9/16-5/8	9/16	1/2-9/16	3/8
1032-B	1.69	13/16-15/16	..	9/16	5/8	1/2	3/8
1033-A	1.69	7/8-15/16	1/2	5/8	9/16-5/8	9/16	3/8
1733	2.29	7/8-1	1/2	5/8-3/4	9/16-11/16	9/16-5/8	7/16
1033-C	2.29	15/16-1	..	3/4	5/8-11/16	5/8	7/16
1034	2.15	7/8-11/16	1/2-5/8	5/8	9/16-3/4	9/16	7/16
1034-A	2.29	5/16-11/16	5/8	..	5/8-3/4	..	7/16
1735	2.68	1-1 1/8	..	3/4-7/8	11/16	5/8-3/4	1/2
1036-B	2.68	1 1/16-1 1/8	5/8	7/8	3/4	3/4	1/2
1037	3.13	1 1/16-1 1/4	5/8-3/4	..	3/4-7/8	..	1/2
1737	3.13	1 1/8-1 1/4	3/4	7/8	7/8	3/4	1/2
1037-A	3.13	1 1/8-15/16	..	7/8-1	..	3/4-7/8	1/2
1039-B	4.19	1 1/4-15/16	3/4	1	7/8	7/8	9/16
1039	4.58	1 1/4-17/16	3/4-7/8	..	7/8-1	..	9/16
1039-A	4.58	15/16-1 1/2	..	1-1 1/8	..	7/8-1	9/16
1039-C	4.58	1 3/8-17/16	7/8	..	1	..	9/16
1041	6.47	17/16-1 5/8	7/8-1	..	1-1 1/8	..	13/16
1041-B	6.83	1 1/2-1 5/8	1	1 1/8	1 1/8	1	13/16

*American standard machine screw and stove bolt nuts.

ARMSTRONG ALLOY STEEL MINIATURE WRENCHES

15° ANGLE—DOUBLE HEAD



No.	Each	Nominal Openings, In.	Extreme Length, Approx., In.	Approx. Thickness Heads, In.
H-9	\$0.85	13/64-15/64	2 1/2	3/32
H-10	.85	3/16-7/32	2 1/2	3/32
H-12	.85	1/4-9/32	3	5/32
H-14	.90	5/16-11/32	3 3/4	3/16
H-15	.90	9/32-3/8	3 3/4	3/16
H-16	.90	3/8-7/16	4 1/8	7/32
H-18	.90	13/32-15/32	4 1/8	7/32

Packed as Ordered

ARMSTRONG ALLOY STEEL COMBINATION WRENCHES

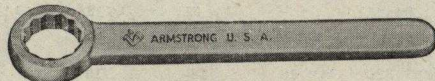
BOX AND OPEN END



No.	Each	Nominal Opening In.	For American Standard					Extreme Length Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Nuts (SAE); Size Bolts In.	Light Nut; Size Bolt In.	Regular Nut; Size Bolt In.	No. 12-1/4	
1161	\$1.05	7/16-7/16	..	1/4	1/4	1/4	5	
1162	1.15	1/2-1/2	1/4	5/16	5/16	..	5 1/4	
1163	1.24	9/16-9/16	..	3/8	3/8	5/16	5 7/8	
1163-A	1.24	19/32-19/32	5/16	..	..	..	5 7/8	
1164	1.38	5/8-5/8	..	7/16	7/16	3/8	6 1/4	
1165	1.52	1 1/16-1 1/16	3/8	..	..	..	7	
1166	1.70	3/4-3/4	..	1/2	1/2	7/16	8	
1166-A	1.70	25/32-25/32	7/16	..	..	..	8	
1167-A	1.78	13/16-13/16	..	9/16	..	1/2	10 1/2	
1167	1.85	7/8-7/8	1/2	5/8	9/16	9/16	10 1/2	
1168	2.08	15/16-15/16	..	..	5/8	..	13	
1170	2.24	1-1	..	3/4	1 1/16	5/8	13	
1171	2.70	1 1/16-1 1/16	5/8	..	3/4	..	15	
1172	3.27	1 1/8-1 1/8	..	7/8	..	3/4	15	
1173	3.63	1 1/4-1 1/4	3/4	..	7/8	..	18	
1174	4.63	1 5/16-1 5/16	..	1	..	7/8	18	
1175	5.03	1 3/8-1 3/8	..	..	..	..	20	
1176	5.03	1 7/16-1 7/16	7/8	..	1	..	21	

ARMSTRONG ALLOY STEEL DOUBLE HEXAGON OPENING BOX WRENCHES

7 1/2° ANGLE—SINGLE HEAD

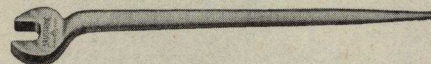


No.	Each	Nominal Opening Across Flats In.	For American Standard					Head Thickness In.	Outside Diam. In.
			Heavy Nut (USS); Size Bolt In.	Hex. Head Cap Screw; Diam. In.	Light Nut (SAE); Size Bolt In.	Regular Nut; Size Bolt In.	Extreme Length Approx. In.		
1801-A	\$0.77	7/16	..	1/4	1/4	1/4	4	17/64	27/32
1801	.77	1/2	1/4	5/16	5/16	..	4	17/64	27/32
1802-A	.90	9/16	..	3/8	3/8	5/16	4 3/4	5/16	63/64
1802	.90	19/32	5/16	..	..	..	4 3/4	5/16	63/64
1803-A	1.05	5/8	..	7/16	7/16	3/8	5 1/2	23/64	19/64
1803	1.05	1 1/16	3/8	..	..	..	5 1/2	23/64	19/64
1804-A	1.20	3/4	..	1/2	1/2	7/16	6 1/2	13/32	19/32
1804	1.20	25/32	7/16	..	..	..	6 1/2	13/32	19/32
1805-A	1.47	13/16	..	9/16	..	1/2	7 1/4	29/64	127/64
1805	1.47	7/8	1/2	5/8	9/16	9/16	7 1/4	29/64	127/64
1806	1.78	31/32	9/16	..	..	..	8	119/32	119/32
1806-B	1.78	1	..	3/4	1 1/16	5/8	8	1/2	119/32
1807	2.15	1 1/16	5/8	..	3/4	..	9 1/2	9/16	125/32
1807-A	2.15	1 1/8	..	7/8	..	3/4	9 1/2	9/16	125/32
1808	2.73	1 1/4	3/4	..	7/8	..	10 3/4	9/16	2 1/16
1808-A	2.73	1 5/16	..	1	..	7/8	10 3/4	9/16	2 1/16
1809	3.68	1 7/16	7/8	..	1	..	12	2 3/8	2 3/8
1809-A	3.68	1 1/2	..	1 1/8	..	1	12	2 1/2	2 3/8
1810	4.93	1 5/8	1	..	1 1/8	..	13 1/2	3/4	2 5/8
1810-A	4.93	1 11/16	..	1 3/4	..	1 1/8	13 1/2	3/4	2 5/8
1811	6.52	1 13/16	1 1/8	..	1 1/4	..	15	13/16	2 29/32
1811-A	6.52	1 7/8	..	..	..	1 1/4	15	13/16	2 29/32
1812	8.45	2	1 1/4	..	1 3/8	..	16 1/2	15/16	3 1/4
1812-A	8.45	2 1/16	..	..	..	1 3/8	16 1/2	15/16	3 1/4
1813	10.65	2 3/16	1 3/8	..	1 1/2	..	18	1	3 31/64
1813-A	10.65	2 1/4	..	..	..	1 1/2	18	1	3 31/64
1814	13.17	2 3/8	1 1/2	..	..	..	20	1 1/16	3 23/32

Packed as Ordered

ARMSTRONG ALLOY STEEL STRUCTURAL WRENCHES

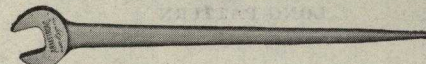
STRAIGHT OPENING



No.	Each	Nominal Opening In.	For Amer. Std.		Extreme Length Approx. In.	Thickness Head In.	Handle Offset at Head In.
			Heavy Nut (USS); Size Bolt In.	Regular Nut; Size Bolt In.			
1905-A	\$2.37	13/16	..	1/2	14 1/2	17/32	1
1905	2.37	7/8	1/2	9/16	14 1/2	17/32	1
1906	2.37	31/32	9/16	..	14 1/2	17/32	1
1906-B	2.37	1	..	5/8	14 1/2	17/32	1
1907	3.30	1 1/16	5/8	..	17	5/8	1 1/8
1907-A	3.30	1 1/8	..	3/4	17	5/8	1 1/8
1908	4.47	1 1/4	3/4	..	19	1 1/16	1 1/4
1908-A	4.47	1 5/16	..	7/8	19	1 1/16	1 1/4
1909	6.15	1 7/16	7/8	..	21	3/4	1 5/16
1909-A	6.15	1 1/2	..	1	21	3/4	1 5/16
1910	8.50	1 5/8	1	..	23	13/16	1 3/8
1910-A	8.50	1 11/16	..	1 1/8	23	13/16	1 3/8
1911	12.87	1 13/16	1 1/8	..	21	7/8	1 1/2
1911-A	12.87	1 7/8	..	1 1/4	21	7/8	1 1/2
1912	12.87	2	1 1/4	..	21	7/8	1 1/2

ARMSTRONG ALLOY STEEL CONSTRUCTION WRENCHES

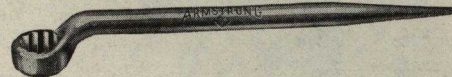
15° ANGLE



No.	Each	Nominal Opening In.	For American Standard			Extreme Length Approx. In.
			Heavy Nut (USS); Size Bolt In.	Light Nut (SAE); Size Bolt In.	Regular Nut; Size Bolt In.	
1205-A	\$1.95	13/16	..	..	1/2	14 1/2
1205	1.95	7/8	1/2	9/16	9/16	14 1/2
1206	1.95	31/32	9/16	..	..	14 1/2
1206-B	1.95	1	..	1 1/16	5/8	14 1/2
1207	2.73	1 1/16	5/8	3/4	..	17
1207-A	2.73	1 1/8	..	..	3/4	17
1208	3.68	1 1/4	3/4	7/8	..	19
1208-A	3.68	1 5/16	..	..	7/8	19
1209	5.03	1 7/16	7/8	1	..	21
1209-A	5.03	1 1/2	..	..	1	21
1210	7.13	1 5/8	1	1 1/8	..	23
1210-A	7.13	1 11/16	..	..	1 1/8	23
1211	10.50	1 13/16	1 1/8	1 1/4	..	21
1211-A	10.50	1 7/8	..	..	1 1/4	21
1212	10.50	2	1 1/4	1 3/8	..	21

ARMSTRONG ALLOY STEEL STRUCTURAL BOX WRENCHES

DOUBLE HEXAGON OPENING



No.	Each	Nominal Opening In.	For Amer. Std.		Extreme Length Approx. In.	Head		Handle Offset at Head In.
			Heavy Nut (USS); Size Bolt In.	Regular Nut; Size Bolt In.		Thickness In.	Outside Diam. In.	
8905-A	\$2.70	13/16	..	1/2	12	17/32	1 1/4	2 3/8
8905	2.70	7/8	1/2	..	12	9/16	1 5/16	2 5/8
8906	2.98	15/16	..	(5/8)*	13 1/2	5/8	1 7/16	2 7/8
8906-B	2.98	1	..	(5/8)*	13 1/2	5/8	1 9/16	7/8
8907	3.06	1 1/16	5/8	..	14 3/4	1 1/16	1 11/16	1 5/16
8907-A	3.15	1 1/8	..	3/4	14 3/4	3/4	1 25/32	1 1/2
8908	3.31	1 1/4	3/4	..	17	13/16	1 29/32	1 5/8
8908-A	3.31	1 5/16	..	7/8	17	7/8	2 3/32	1 7/8
8909	4.39	1 7/16	7/8	..	20 1/2	31/32	2 9/32	1 17/32
8909-A	4.72	1 1/2	..	1	20 1/2	31/32	2 9/32	1 17/32
8910	5.13	1 5/8	1	..	21 1/2	1 1/16	2 17/32	1 17/32
8910-A	5.30	1 11/16	..	1 1/8	21 1/2	1 1/16	2 17/32	1 17/32
8911	5.46	1 13/16	1 1/8	..	23	1 1/8	2 27/32	1 3/4
8911-A	5.63	1 7/8	..	1 1/4	23	1 1/8	2 27/32	1 3/4
8912	5.80	2	1 1/4	..	24 1/2	1 1/4	3 1/8	1 15/16
8913	7.61	2 3/16	1 3/8	..	26	1 11/32	3 5/16	2 1/16
8914	8.61	2 3/8	1 1/2	..	27 1/2	1 7/16	3 3/2	2 3/8
8915	9.78	2 9/16	1 5/8	..	29	1 1/2	3 7/8	2 3/4
8916	11.40	2 3/4	1 3/4	..	29	1 5/8	4 1/16	2 3/16

*5/8 American standard light (SAE).

Packed as Ordered

ARMSTRONG ALLOY STEEL BOX SOCKET WRENCHES

15° ANGLE OFFSET PATTERN

SHORT PATTERN



Double Hexagon (12 Point) Openings

No.	Each	Nominal Openings In.	For American Standard				Extreme Length Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
6723	\$0.95	3/8-7/16	..	3/16-1/4	1/4	1/4	4 1/2
6725	.95	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	5 1/2
6725-A	.99	7/16-9/16	..	1/4-3/8	1/4-3/8	1/4-5/16	5 1/2
6725-B	.99	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	5 1/2
6025	.99	1/2-19/32	1/4-5/16	5/16	5/16	..	5 1/2
6727	1.09	9/16-5/8	..	3/8-7/16	3/8-7/16	5/16-3/8	6

LONG PATTERN



Double Hexagon (12 Point) Openings

No.	Each	Nominal Openings In.	For American Standard				Extreme Length Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
7723	\$0.95	3/8-7/16	..	3/16-1/4	1/4	1/4	7 3/8
7725	.95	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	7 3/4
7725-A	.99	7/16-9/16	..	1/4-3/8	1/4-3/8	1/4-5/16	8 1/4
7725-B	.99	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	8 1/4
7025	1.06	1/2-19/32	1/4-5/16	5/16	5/16	..	8 1/4
7727	1.08	9/16-5/8	..	3/8-7/16	3/8-7/16	5/16-3/8	9 1/4
7027	1.31	19/32-11/16	5/16-3/8	..	..	..	10 1/2
7727-A	1.31	5/8-11/16	3/8	7/16	7/16	3/8	10 1/2
7729	1.24	5/8-3/4	..	7/16-1/2	7/16-1/2	3/8-7/16	10 1/2
7029-B	1.39	11/16-3/4	3/8	1/2	1/2	7/16	11
7029	1.46	11/16-25/32	3/8-7/16	..	..	..	11
7729-A	1.54	3/4-25/32	7/16	1/2	1/2	7/16	12
7731-A	1.54	3/4-7/8	1/2	1/2-5/8	1/2-9/16	7/16-9/16	12
7031-B	1.69	25/32-13/16	7/16	9/16	..	1/2	12 3/4
7031	1.69	25/32-7/8	7/16-1/2	5/8	9/16	9/16	12 3/4
7731-B	1.69	13/16-7/8	1/2	9/16-5/8	9/16	1/2-9/16	12 3/4
7033-A	2.67	7/8-15/16	1/2	5/8	9/16-5/8	9/16	13 3/4
7733	2.67	7/8-1	1/2	5/8-3/4	9/16-11/16	9/16-5/8	13 3/4
7033-C	2.67	15/16-1	..	3/4	5/8-11/16	5/8	13 3/4
7034-A	3.04	15/16-11/16	5/8	..	5/8-3/4	..	15 1/2
7735	3.04	1-1 1/8	..	3/4-7/8	11/16	5/8-3/4	17 1/4
7735-A	3.04	1 1/16-1 1/8	5/8	7/8	3/4	3/4	17 1/4
7037	3.40	1 1/16-1 1/4	5/8-3/4	..	3/4-7/8	..	17 1/4
7037-A	3.52	1 1/8-15/16	..	7/8-1	..	3/4-7/8	19
7039-B	3.52	1 1/4-15/16	3/4	1	7/8	7/8	19
7039	4.03	1 1/4-17/16	3/4-7/8	..	7/8-1	..	19
7039-A	4.03	15/16-1 1/2	..	1-1 1/8	..	7/8-1	19
7040-B	4.75	17/16-1 1/2	7/8	1 1/8	1	1	21
7041	5.85	17/16-1 5/8	7/8-1	..	1-1 1/8	..	23
7742-B	5.85	1 1/2-1 11/16	..	1 1/8-1 1/4	..	1-1 1/8	23

Packed as Ordered

ARMSTRONG ALLOY STEEL BOX SOCKET WRENCHES

45° ANGLE DOUBLE OFFSET PATTERN

The design of these wrenches provides unusual reach and leverage. Socket head walls are thin, allowing use in very close quarters. Each head has a double hexagon (12 point) opening, rotating the nut where the swing is limited to an arc of only 30°.

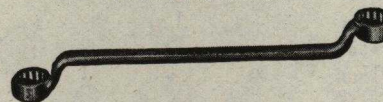
SHORT PATTERN



Double Hexagon (12 Point) Openings

No.	Each	Nominal Openings In.	For American Standard				Extreme Length Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
9723	\$0.90	3/8-7/16	..	3/16-1/4	1/4	1/4	4 1/2
9725	.97	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	5 1/2
9725-A	.97	7/16-9/16	..	1/4-3/8	1/4-3/8	1/4-5/16	5 1/2
9725-B	.97	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	5 1/2
9025	.97	1/2-19/32	1/4-5/16	5/16	5/16	..	5 1/2
9727	1.07	9/16-5/8	..	3/8-7/16	3/8-7/16	5/16-3/8	6

LONG PATTERN



Double Hexagon (12 Point) Openings

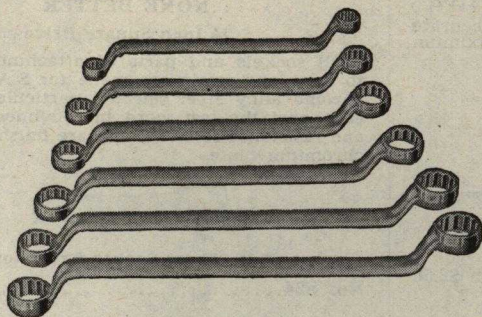
No.	Each	Nominal Openings In.	For American Standard				Extreme Length Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
8723	\$1.01	3/8-7/16	..	3/16-1/4	1/4	1/4	7 3/4
8725	1.01	7/16-1/2	1/4	1/4-5/16	1/4-5/16	1/4	8 1/4
8725-A	1.12	7/16-9/16	..	1/4-3/8	1/4-3/8	1/4-5/16	8 3/4
8725-B	1.12	1/2-9/16	1/4	5/16-3/8	5/16-3/8	5/16	8 3/4
8025	1.12	1/2-19/32	1/4-5/16	5/16	5/16	..	8 3/4
8027	1.17	9/16-5/8	..	3/8-7/16	3/8-7/16	5/16-3/8	9 3/4
8027	1.30	19/32-11/16	5/16-3/8	..	..	..	9 3/4
8727-A	1.30	5/8-11/16	3/8	7/16	7/16	3/8	9 3/4
8729	1.30	5/8-3/4	..	7/16-1/2	7/16-1/2	3/8-7/16	11
8029-B	1.41	11/16-3/4	3/8	1/2	1/2	7/16	11
8029	1.41	11/16-25/32	3/8-7/16	..	..	..	11
8729-A	1.41	3/4-25/32	7/16	1/2	1/2	7/16	12 1/2
8731-A	1.41	3/4-7/8	1/2	1/2-5/8	1/2-9/16	7/16-9/16	12 1/2
8031-B	1.41	25/32-13/16	7/16	9/16	..	1/2	12 1/2
8031	1.41	25/32-7/8	7/16-1/2	5/8	9/16	9/16	12 1/2
8731-B	1.75	13/16-7/8	1/2	9/16-5/8	9/16	1/2-9/16	12 1/2
8033-A	2.05	7/8-15/16	1/2	5/8	9/16-5/8	9/16	13 1/2
8733	2.05	7/8-1	1/2	5/8-3/4	9/16	9/16-5/8	13 1/2
8033-C	2.05	15/16-1	..	3/4	5/8-11/16	5/8	14 1/2
8034-A	3.10	15/16-1 1/16	5/8	..	5/8-3/4	..	14 1/2
8735	3.42	1-1 1/8	..	3/4-7/8	11/16	5/8-3/4	16 1/2
8735-A	3.42	1 1/16-1 1/8	5/8	7/8	3/4	3/4	16 1/2
8037	3.42	1 1/16-1 1/4	5/8-3/4	..	3/4-7/8	..	16 1/2
8037-A	3.42	1 1/8-15/16	..	7/8-1	..	3/4-7/8	19
8039-B	4.52	1 1/4-15/16	3/4	1	7/8	7/8	19
8039	4.52	1 1/4-17/16	3/4-7/8	..	7/8-1	..	19
8039-A	4.52	1 1/2-1 1/2	..	1-1 1/8	..	7/8-1	19

LONG HEAVY DUTY PATTERN

No.	Each	Nominal Openings In.	For American Standard				Extreme Length Approx. In.
			Heavy Nuts (USS); Size Bolts In.	Hex. Head Cap Screws; Diam. Screws In.	Light Nuts (SAE); Size Bolts In.	Regular Nuts; Size Bolts In.	
8040-B	\$4.60	17/16-1 1/2	7/8	1 1/8	1	1	21
8041	4.68	17/16-1 5/8	7/8-1	..	1-1 1/8	..	23
8742-B	4.68	1 1/2-1 11/16	..	1 1/8-1 1/4	..	1-1 1/8	23
8045	8.10	1 13/16-2	1 1/8-1 1/4	..	1 1/4-1 3/8	..	25
8049	10.32	2 3/16-2 3/8	1 3/8-1 1/2	..	1 1/2	..	27
8053	17.00	2 9/16-2 3/4	1 5/8-1 3/4	..	..	..	30

Packed as Ordered

BOX SOCKET WRENCHES



Cadmium Finish

Drop forged from selected wrench steel, with 12 point openings and comfortably shaped handle for work in close quarters. Both ends offset, thin head walls permit use where clearance is limited. Light in weight, exceptional strength, ideal for use on connecting rods, main bearings, cylinder heads, spring clips, and in awkward places. 30° offset.

Nos.	Each	Openings, In.	Net Weight Each, Oz.	Std. Pkg.
1601	\$0.40	$\frac{3}{8}$ and $\frac{7}{16}$	3	12
1602	.45	$\frac{1}{2}$ and $\frac{9}{16}$	4	12
1603	.50	$\frac{5}{8}$ and $\frac{3}{4}$	7	12
1605	.60	$\frac{13}{16}$ and $\frac{7}{8}$	15	6
1606	.70	$\frac{15}{16}$ and 1	19	6
1608	1.10	$1\frac{1}{16}$ and $1\frac{1}{8}$	22	6

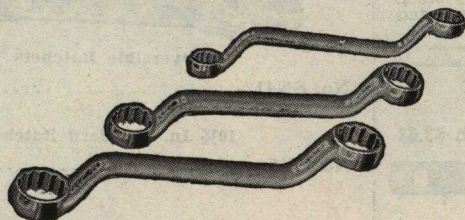


In Sets

Five drop forged selected vanadium box end wrenches, cadmium finish, packed in a metal holder, $\frac{3}{8}$ to $\frac{7}{8}$ in. openings.

No. 5845-MH.....Per set \$2.50

SHORT TYPE BOX END WRENCHES



Short 30° Type

Forged from selected wrench steel, carefully heat treated and tempered to give toughness and strength and designed for tight places where the larger type cannot be used. Full finished buffed ends.

Nos.	Each	Opening, In.	Length In.
671	\$0.50	$\frac{3}{8}$ and $\frac{7}{16}$	$4\frac{1}{2}$
672	.60	$\frac{1}{2}$ and $\frac{9}{16}$	$5\frac{1}{4}$
673	.65	$\frac{5}{8}$ and $\frac{3}{4}$	$6\frac{1}{4}$

In Sets

Set of three pieces as above in metal clip.

No. 670-C.....Per set \$1.50
Packed as Ordered

WRENCH SETS

DROP FORGED OPEN END

Five Pieces



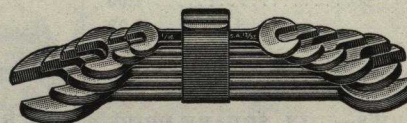
Drop forged steel, double grip, nickel plated. In red enameled case. Five pieces, openings $\frac{3}{8}$ to $\frac{7}{8}$ in.

No. 1665RPer set \$1.50

Packed as Ordered

HAND FORGED OPEN END

Six Pieces

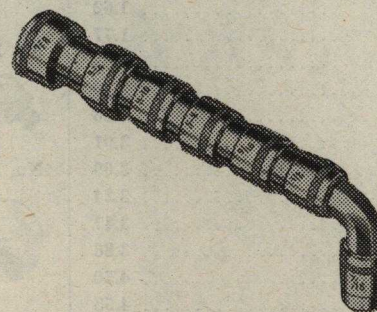


Hand forged and heat treated for durability, long thin parabolic jaws with accurately milled openings, rounded shoulders for additional jaw strength. Panned recessed shank for light weight. Six pieces $\frac{5}{16}$ to $\frac{7}{8}$ in. with spring steel holder. Nickel plated.

No. 25NPer set \$1.75

Packed as Ordered

7 IN 1 SOCKET WRENCH SETS



One of the handiest tools for the tool kit—for car and farm implement repairs. Twelve-point, double hex. Sockets in seven standard sizes— $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $1\frac{1}{16}$, $\frac{3}{4}$, $\frac{7}{8}$ in.—for use on square or hexagon nuts and bolts. Use sockets on either end of $\frac{1}{2}$ in. hex. handle—long end makes hard to reach bolts easily accessible. Handle and sockets are cyanide hardened carbon steel, cadmium plated. Spring and ball friction retainer at each end of handle holds socket firm when in use.

No. 80Per set \$1.19

Twelve Sets in a Box

ARMSTRONG ALLOY STEEL SOCKET WRENCHES

STANDARD SERIES—½ IN. SQUARE DRIVE



Double Hexagon (12 Point) Openings

These sockets are furnished with double openings. Slim head walls enable these sockets to operate with a sure grip in close or obstructed places.

Made from special alloy steel, gauged to accurate limits, heat treated and tested to assure maximum strength.

Hexagon Sockets (12 Point Openings)

No.	Size Opening, In.	Each
ST-1212	3/8	\$0.63
ST-1214	7/16	.63
ST-1216	1/2	.63
ST-1218	9/16	.63
ST-1219	19/32	.63
ST-1220	5/8	.63
ST-1221	21/32	.74
ST-1222	11/16	.74
ST-1224	3/4	.81
ST-1225	25/32	.81
ST-1226	13/16	.81
ST-1228	7/8	.87
ST-1230	15/16	.95
ST-1231	31/32	.95
ST-1232	1	.95
ST-1234	1 1/16	1.06
ST-1236	1 1/8	1.23
ST-1238	1 3/16	1.30
ST-1240	1 1/4	1.37

HEAVY DUTY SERIES—¾ IN. SQUARE DRIVE

Double Hexagon (12 Point) Openings

These sockets are designed for heavy duty service where reliable strength without unnecessary weight is required.

The extra deep sockets are used on heavy U bolts found on trucks and busses and on other jobs where the bolt protrudes beyond the nut farther than usual.

Made from special alloy steel, gauged to accurate limits, heat treated and tested to assure maximum strength.



REGULAR SOCKETS

No.	Size Opening, In.	Each
H-1228	7/8	\$1.08
H-1230	15/16	1.15
H-1231	31/32	1.15
H-1232	1	1.15
H-1234	1 1/16	1.31
H-1236	1 1/8	1.39
H-1238	1 3/16	1.47
H-1240	1 1/4	1.54
H-1242	1 5/16	1.62
H-1244	1 3/8	1.77
H-1246	1 7/16	1.93
H-1248	1 1/2	2.70
H-1252	1 5/8	2.86
H-1254	1 11/16	3.01
H-1256	1 3/4	3.09
H-1258	1 13/16	3.24
H-1260	1 7/8	3.47
H-1264	2	3.86
H-1266	2 1/16	4.30
H-1268	2 1/8	4.55
H-1270	2 3/16	5.00
H-1272	2 1/4	6.57

EXTRA DEEP SOCKETS

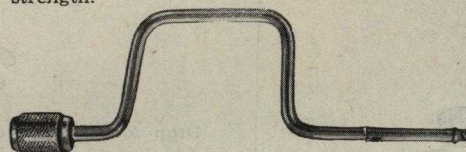
No.	Size Opening, In.	Each
HD-1230	15/16	\$1.70
HD-1234	1 1/16	1.95
HD-1240	1 1/4	2.40
HD-1246	1 7/16	2.65

Packed as Ordered

ARMSTRONG ALLOY STEEL SOCKET WRENCH ATTACHMENTS

STANDARD SERIES—½ IN. SQUARE DRIVE

Made from special alloy steel, gauged to accurate limits, heat treated and tested to assure maximum strength.



Long Speeder, Knurled Spin-Grips
No. S-15—19 1/2 in. Each \$2.56



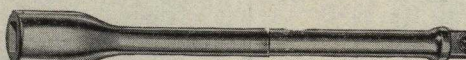
Sliding T Handles
No. S-20A—11 in. Each \$1.86



Long Flexible Head Handles or Extensions
No. S-41—17 in. Each \$3.94



Drop Forged Reversible Ratchets
No. SA-51—10 1/2 in. Each \$6.04



Extension Bars
No. S-110P—5 1/4 in. Each \$1.15

Long Extension Bars
No. S-115P—10 1/2 in. Each \$1.58



No. S-140



No. SH-130

Universal Joints
No. S-140 Each \$2.35

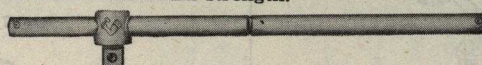
Adapters

Adapts 1/2 in. square drive tools to fit 3/4 in. sockets.
No. SH130 Each \$1.31

Adapts 3/4 in. square drive tools to fit 1/2 in. sockets.
No. SH131 Each \$1.36

HEAVY DUTY SERIES—¾ IN. SQUARE DRIVE Drivelock Handles and Parts

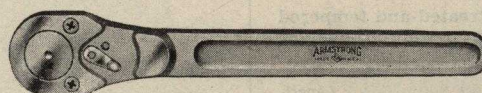
These handles and parts are designed for severe service. They are made from special alloy steel, gauged to accurate limits, heat treated and tested to assure maximum strength.



Sliding T Handles
No. H-20A—17 1/2 in. Each \$3.63



Flexible Head Handles
No. H-41—22 in. Each \$7.65



Drop Forged Reversible Ratchets
No. H-51—19 in. Each \$13.83



Extension Bars
No. H-110—8 in. Each \$2.55

Long Extension Bars
No. H-115—15 1/2 in. Each \$3.17

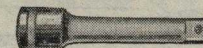
Packed as Ordered

CHROME ALLOY SOCKET ATTACHMENTS

NONE BETTER

½ Inch Square Drive

All sockets and parts of attachments subject to wear and strain are made for S.A.E. analysis chrome alloy steel selected particularly to give each part the last word in toughness, strength, and resistance to wear; and are finished in triple chromium plate.



5 In. Short Socket Extensions
No. S24 Each \$1.00



10 In. Long Socket Extensions
No. S25 Each \$1.25

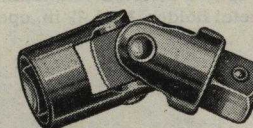
8 In. Cross Bars
No. S30 Each \$0.29



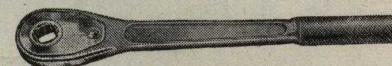
E11 and Tee Handles
No. S70 Each \$1.70



1 1/4 In. Short Adapters
No. S35 Each \$0.45



Universal Joints
No. S60 Each \$2.00

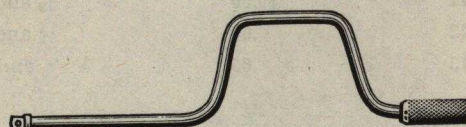


Reversible Ratchets
No. SN41 Each \$4.95

10 1/2 In. Standard Ratchet
No. S45 Each \$3.80



Flex Handles
No. S53—15 in. Each \$2.70



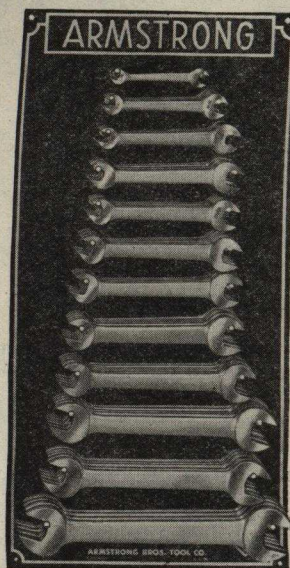
19 In. Long Speeders
No. S85 Each \$1.40

Packed as Ordered

ARMSTRONG WRENCH BOARDS

Armstrong wrench display boards sell wrenches and make extra sales in worthwhile numbers. These are matched units so designed that they can be used singly mounted on walls, assembled in multiples or as "island displays." Each holds a balanced stock of the most popular sizes and sells automatically. Each board measures 12x24 in., is sturdily built of tempered masonite, is finished in keeping with modern store design. Each is a complete unit in itself yet all are uniform in size and can be assembled as multiple displays in a sectional display on walls, ledges, around posts, on bin ends, counters, island displays, etc.

ARMSTRONG HI-TEN ENGINEERS' WRENCHES



Carbon Steel			
Quantity	No.	Size, In.	Each
12	721	$\frac{1}{8} \times \frac{3}{8}$	\$0.34
12	723	$\frac{3}{8} \times \frac{1}{2}$	.42
12	725	$\frac{1}{2} \times \frac{1}{2}$	.50
12	725-B	$\frac{1}{2} \times \frac{1}{2}$	.50
12	25	$\frac{1}{2} \times \frac{3}{4}$	.50
12	727	$\frac{1}{2} \times \frac{3}{4}$	.62
6	27	$\frac{3}{4} \times \frac{1}{2}$	.62
6	729	$\frac{5}{8} \times \frac{3}{4}$	.74
6	29	$\frac{1}{2} \times \frac{3}{4}$	.74
6	731-A	$\frac{3}{4} \times \frac{1}{2}$	.90
6	31	$\frac{3}{4} \times \frac{1}{2}$	.90
6	34	$\frac{7}{8} \times \frac{1}{2}$	1.36

Total Retail Value \$66.12

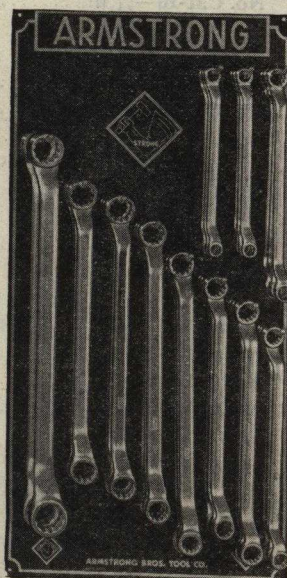
No. 1.....Each \$66.12
One in a Shipping Container, Weight 41 Lbs.

ARMSTRONG ARMALLOY ENGINEERS' WRENCHES

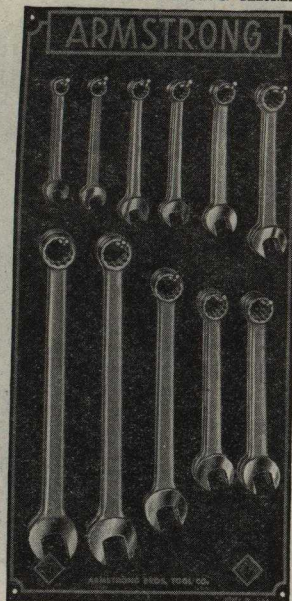
Alloy Steel			
Quantity	No.	Size, In.	Each
4	1721	$\frac{1}{8} \times \frac{3}{8}$	\$0.60
6	1723	$\frac{3}{8} \times \frac{1}{2}$	.70
6	1725	$\frac{1}{2} \times \frac{1}{2}$	.77
6	1025	$\frac{1}{2} \times \frac{3}{4}$	.92
6	1725-B	$\frac{1}{2} \times \frac{1}{2}$	.84
6	1727	$\frac{1}{2} \times \frac{3}{4}$	.99
4	1027	$\frac{3}{4} \times \frac{1}{2}$	1.30
3	1729	$\frac{5}{8} \times \frac{3}{4}$	1.27
4	1029	$\frac{1}{2} \times \frac{3}{4}$	1.69
2	1731-A	$\frac{3}{4} \times \frac{1}{2}$	1.69
3	1031	$\frac{3}{4} \times \frac{1}{2}$	1.69
2	1034	$\frac{7}{8} \times \frac{1}{2}$	2.15

Total Retail Value \$56.24

No. 2.....Each \$56.24
One in a Shipping Container, Weight 19 Lbs.



ARMSTRONG ARMALLOY COMBINATION WRENCHES



Alloy Steel			
Quantity	No.	Size, In.	Each
4	1161	$\frac{1}{8}$	\$1.05
4	1162	$\frac{1}{2}$	1.15
4	1163	$\frac{3}{8}$	1.24
4	1163-A	$\frac{1}{2}$	1.24
4	1164	$\frac{5}{8}$	1.38
2	1165	$\frac{1}{2}$	1.52
2	1166	$\frac{3}{4}$	1.70
2	1166-A	$\frac{3}{4}$	1.70
2	1167	$\frac{7}{8}$	1.85
2	1168	$\frac{1}{2}$	2.08
2	1170	1	2.24

Total Retail Value \$46.42

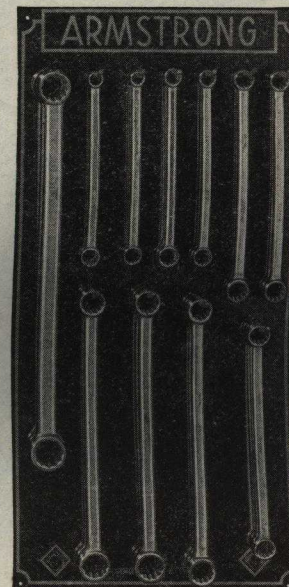
No. 3.....Each \$46.42
One in a Shipping Container, Weight 15 Lbs.

ARMSTRONG ARMALLOY 15° ANGLE BOX SOCKET WRENCHES

Alloy Steel			
Quantity	No.	Size, In.	Each
6	7723	$\frac{3}{8} \times \frac{1}{2}$	\$0.95
6	7725	$\frac{1}{2} \times \frac{1}{2}$	.95
6	7025	$\frac{1}{2} \times \frac{3}{4}$	1.06
6	7725-B	$\frac{1}{2} \times \frac{1}{2}$	.99
6	7727	$\frac{1}{2} \times \frac{3}{4}$	1.08
4	7027	$\frac{3}{4} \times \frac{1}{2}$	1.31
4	7729	$\frac{5}{8} \times \frac{3}{4}$	1.24
3	7029	$\frac{1}{2} \times \frac{3}{4}$	1.46
3	7731-A	$\frac{3}{4} \times \frac{1}{2}$	1.54
3	7031	$\frac{3}{4} \times \frac{1}{2}$	1.69
3	7033-C	$\frac{1}{2} \times 1$	2.67

Total Retail Value \$62.46

No. 4.....Each \$62.46
One in a Shipping Container, Weight 22 Lbs.



ARMSTRONG ARMALLOY 45° ANGLE BOX SOCKET WRENCHES

Alloy Steel			
Quantity	No.	Size, In.	Each
6	8723	$\frac{3}{8} \times \frac{1}{2}$	\$1.01
6	8725	$\frac{1}{2} \times \frac{1}{2}$	1.01
6	8025	$\frac{1}{2} \times \frac{3}{4}$	1.12
6	8725-B	$\frac{1}{2} \times \frac{1}{2}$	1.12
6	8727	$\frac{1}{2} \times \frac{3}{4}$	1.17
4	8027	$\frac{3}{4} \times \frac{1}{2}$	1.30
4	8729	$\frac{5}{8} \times \frac{3}{4}$	1.30
3	8029	$\frac{1}{2} \times \frac{3}{4}$	1.41
3	8731-A	$\frac{3}{4} \times \frac{1}{2}$	1.41
3	8031	$\frac{3}{4} \times \frac{1}{2}$	1.41
3	8033-C	$\frac{1}{2} \times 1$	2.05

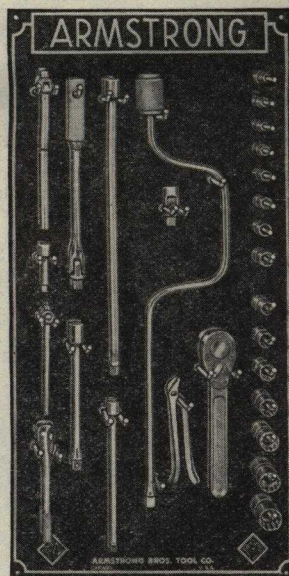
Total Retail Value \$61.82

No. 5.....Each \$61.82
One in a Shipping Container, Weight 30 Lbs.

ARMSTRONG WRENCH BOARDS

Armstrong wrench display boards sell wrenches and make extra sales in worthwhile numbers. These are matched units so designed that they can be used singly mounted on walls, assembled in multiples or as "island displays." Each holds a balanced stock of the most popular sizes and sells automatically. Each board measures 12x24 in., is sturdily built of tempered masonite, is finished in keeping with modern store design. Each is a complete unit in itself yet all are uniform in size and can be assembled as multiple displays in a sectional display on walls, ledges, around posts, on bin ends, counters, island displays, etc.

ARMSTRONG ARMALLOY SOCKET WRENCHES



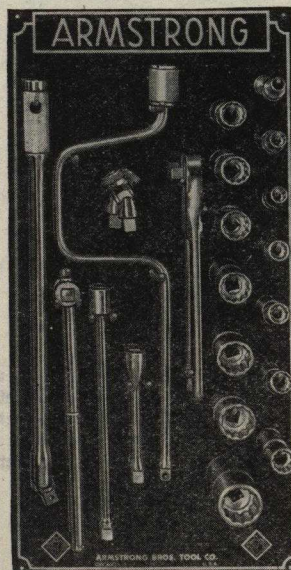
Alloy Steel 1/4 Inch Square Drive

Quantity	No.	Size, In.	Each
2	NM-606	3/8	\$0.38
2	NM-607	1/2	.38
2	NM-608	3/4	.38
2	NM-609	7/8	.38
2	NM-1210	1	.38
2	NM-1211	1 1/8	.38
2	NM-1212	1 1/4	.38
2	NM-1214	1 3/4	.38
2	NMA-51	Reversible Ratchets	3.52
2	NM-20A	Sliding T Handles	.99
2	NM-102	Extensions	.78
2	NM-115	Extensions	.93
2	1519	Miniature Pliers	1.94
3/8 Inch Square Drive			
2	F-1212	3/8	\$0.56
2	F-1214	1/2	.56
2	F-1216	3/4	.56
2	F-1218	7/8	.56
2	F-1220	1	.56
2	F-1222	1 1/8	.63
2	F-1224	1 1/4	.63
2	FA-51	Reversible Ratchets	4.54
1	F-15	Speeder	1.86
2	F-40	Flexible Hinge Handles	2.66
2	F-20A	Sliding T Handles	1.41
2	F-110	Extensions	1.10
2	F-117	Extensions	1.24
1	F-140	Universal Joint	2.24

Total Retail Value \$56.52

No. 6.....Each \$56.52
One in a Shipping Container, Weight 13 Lbs.

ARMSTRONG ARMALLOY 1/2 INCH DRIVE SOCKET WRENCHES



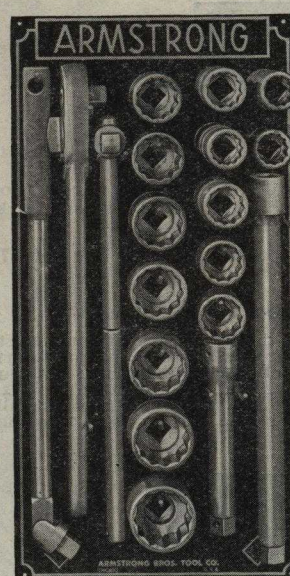
Alloy Steel

Quantity	No.	Size, In.	Each
2	ST-1214	1/2	\$0.63
2	ST-1216	3/4	.63
2	ST-1218	7/8	.63
2	ST-1219	1	.63
2	ST-1220	1 1/8	.63
2	ST-1222	1 1/4	.74
2	ST-1224	1 3/4	.81
2	ST-1226	1 7/8	.81
2	ST-1228	2	.87
2	ST-1230	2 1/8	.95
2	ST-1232	2 1/2	.95
2	ST-1234	2 3/4	1.06
2	ST-1236	3	1.23
2	ST-1240	3 1/2	1.37
2	SA-51	Reversible Ratchets	6.04
1	S-15	Speeder	2.56
2	S-41	Flex. Hinge Handles	3.94
2	S-20A	Sliding T Handles	1.86
2	S-110P	Extensions	1.15
2	S-115P	Extensions	1.58
2	S-140	Universal Joints	2.35

Total Retail Value \$60.28

No. 7.....Each \$60.28
One in a Shipping Container, Weight 25 Lbs.

ARMSTRONG ARMALLOY 3/4 INCH SQUARE DRIVE SOCKET WRENCHES



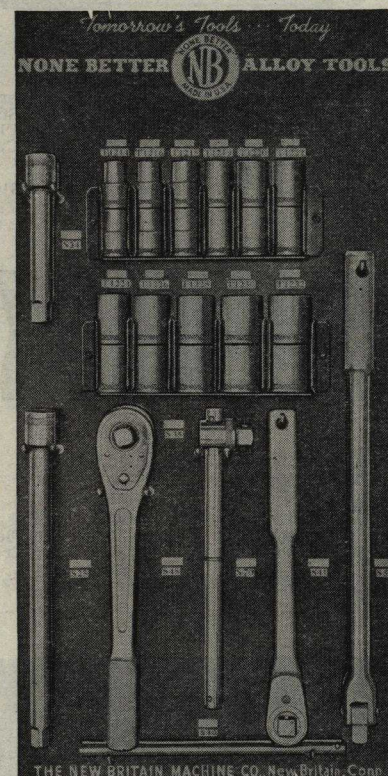
Alloy Steel

Quantity	No.	Size, In.	Each
2	H-1234	1 1/4	\$1.31
2	H-1236	1 1/2	1.39
1	H-1238	1 3/4	1.47
2	H-1240	1 7/8	1.54
2	H-1242	2	1.67
1	H-1244	2 1/8	1.77
1	H-1246	2 1/4	1.93
1	H-1248	2 1/2	2.70
1	H-1252	2 3/4	2.86
1	H-1254	3	3.01
1	H-1256	3 1/4	3.09
1	H-1258	3 1/2	3.24
1	H-1260	3 3/4	3.47
1	H-1264	4	3.86
1	H-51	Reversible Ratchet	13.83
1	H-20A	Sliding T Handle	3.63
1	H-110	Extension	2.55
1	H-115	Extension	3.17
1	H-41	Flex. Hinge Handle	7.65

Total Retail Value \$70.05

No. 8.....Each \$70.05
One in a Shipping Container, Weight 41 lbs.

NONE BETTER SOCKETS AND ACCESSORIES



1/2 Inch Square Drive

None Better wrench sockets and drive parts are recognized everywhere for their toughness and utility. The following tools are mounted on a 12x24 in. masonite board. The board is finished in a rich green color which sets off the luster of the highly finished triple chrome plated tools, making a very attractive silent salesman. The board is free with the tool assortment.

2 only S-24 5 in. Socket Extension	2 only T-1218 9/16 in. 12 Pt. Socket
2 only S-25 10 in. Socket Extension	2 only T-1219 1 1/8 in. 12 Pt. Socket
2 only S-30 8 in. Cross Bar	2 only T-1220 5/8 in. 12 Pt. Socket
2 only S-35 Short Adapter	2 only T-1222 1 1/16 in. 12 Pt. Socket
2 only S-41 Reversible Ratchet	2 only T-1224 3/4 in. 12 Pt. Socket
2 only S-45 Standard Ratchet	2 only T-1226 13/16 in. 12 Pt. Socket
2 only S-53 15 in. Flex Handle	2 only T-1228 7/8 in. 12 Pt. Socket
2 only S-70 Slide Tee Handle	2 only T-1230 1 1/16 in. 12 Pt. Socket
2 only T-1214 7/16 in. 12 Pt. Socket	2 only T-1232 1 in. 12 Pt. Socket
2 only T-1216 1/2 in. 12 Pt. Socket	

No. 6250—Wrench Board.....Each \$47.82
One Assortment Complete in a Shipping Container